

1st Named Inventor: Tinku Acharya  
Application No.: 09/461,068 Docket No.: 42390P7490  
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R	G1	R	G1	R	G1	R	G1	...	...
G2	B	G2	B	G2	B	G2	B	...	...
R	G1	R	G1	R	G1	R	G1	...	...
G2	B	G2	B	G2	B	G2	B	...	...
R	G1	R	G1	R	G1	R	G1	...	...
G2	B	G2	B	G2	B	G2	B	...	...
R	G1	R	G1	R	G1	R	G1	...	...
G2	B	G2	B	G2	B	G2	B	...	...
:	:	:	:	:	:	:	:	...	...
:	:	:	:	:	:	:	:	...	...

Bayer Pattern

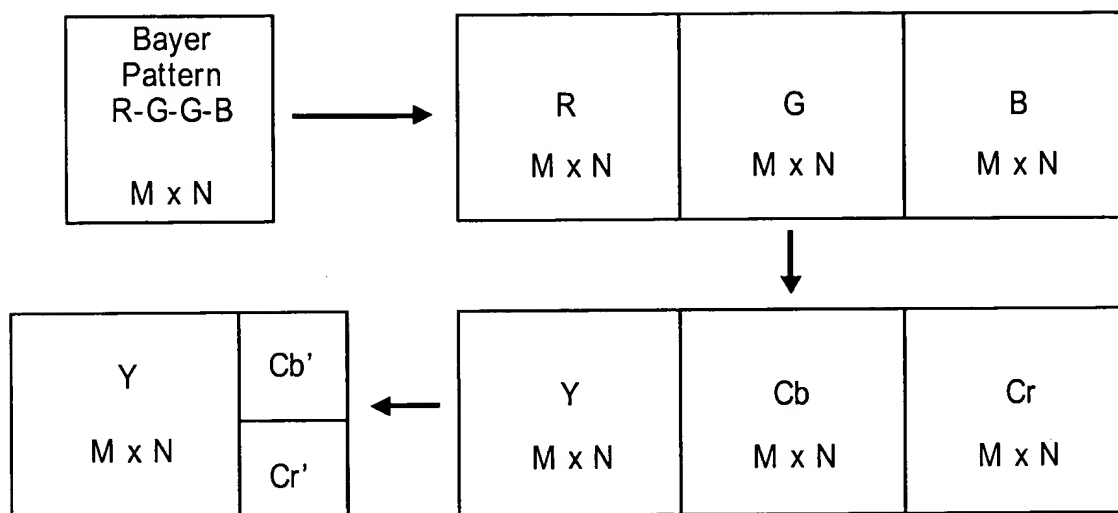
**FIG. 1**  
(PRIOR ART)

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**FIG. 2**

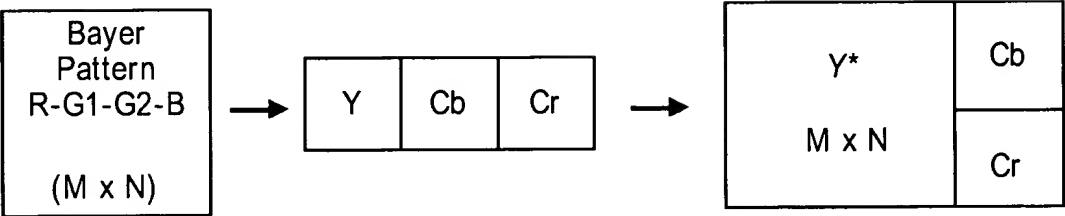


FIG. 3

B(0,0)	B(0,1)	B(0,2)	B(0,3)	.....
B(1,0)	B(1,1)	B(1,2)	B(1,3)	.....
B(2,0)	B(2,1)	B(2,2)	B(2,3)	.....
B(3,0)	B(3,1)	B(3,2)	B(3,3)	.....
⋮	⋮	⋮	⋮	.....

$B(m,n) =$

R	G1
G2	B

FIG. 4